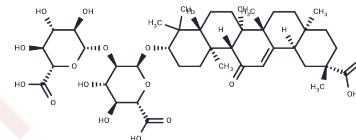


Glycyrrhizic acid

Chemical Properties

CAS No. :	1405-86-3
Formula:	C ₄₂ H ₆₂ O ₁₆
Molecular Weight:	822.93
Appearance:	no data available
Storage:	store under nitrogen
	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Glycyrrhizic acid (Glycyrrhizin) is a triterpenoid saponin with anti-tumor and anti-diabetic activities.
Targets(IC50)	MAO,Dehydrogenase,Virus Protease

Solubility Information

Solubility	H ₂ O: < 1 mg/mL (insoluble or slightly soluble), 5% DMSO+95% Saline: 4.65 mg/mL (5.65 mM),Solution. Ethanol: 93 mg/mL (113.01 mM),Sonication is recommended. DMSO: 93 mg/mL (113.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2152 mL	6.0759 mL	12.1517 mL
5 mM	0.243 mL	1.2152 mL	2.4303 mL
10 mM	0.1215 mL	0.6076 mL	1.2152 mL
50 mM	0.0243 mL	0.1215 mL	0.243 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

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